

IN THE CLAIMS:

1. (Currently Amended): A method for sending a secure multicast ~~transmission~~ broadcast, the method comprising:

requesting to join a multicast broadcast at a user system;

encrypting the multicast transmission~~[[;]]~~ at a first computer system, encrypting the generated multicast broadcast comprises:

attaching a local address to the multicast broadcast at the first computer system;

sending the generated multicast broadcast with the local address to a router local to the first computer system;

removing the local address; and

attaching a network multicast address to the encrypted multicast broadcast.

sending the encrypted multicast broadcast over a public network to a router associated with the user system requesting to join based on the network multicast address;

decrypting the sent multicast broadcast; and

sending the decrypted multicast broadcast to the user system requesting to join.

2-5. (Canceled)

6. (Original): The method of Claim 1, wherein decrypting the sent multicast broadcast is performed at a router associated with the user system.

67. (Currently Amended): A system for sending a secure multicast ~~transmission~~ broadcast, the system comprising:

a computer system coupled to a public network and configured to encrypt the ~~generated the a~~ multicast transmission;

a first router coupled to the public network and the computer system; and
a user system configured to request to join a multicast broadcast; ~~wherein the user~~
~~system is associated with the router~~
a second router associated with the user system,
wherein the second router is configured to retrieve receive the encrypted multicast
broadcast from the ~~computer system~~ first router over the public network, decrypt
the sent multicast broadcast, and send the decrypted multicast broadcast to the
user system requesting to join,
wherein the computer system attaches a local address to the generated multicast
broadcast and sends the multicast broadcast with the local address to the local
router,
wherein the first router removes the local address, encrypts the sent multicast
broadcast, and attaches a network multicast address to the encrypted multicast
broadcast.

8-11. (Canceled)

12. (New) The method of Claim 6, wherein decrypting includes removing the network multicast address and attaching the local address.

13. (New) The system of Claim 7, wherein the second router removes the network multicast address and attaches the local address.